

DESIGN RECORD

Station	_____ to _____	_____ to _____	_____ to _____	_____ to _____	_____ to _____
Length					
Grade %					
Top width (T)					
Depth (D)					
Peak discharge (CFS)					
Velocity (V)					
* Normal depth (capacity)					
Rock design D <sub>50</sub>					
See Exhibit 7–6 EFM					

Soil type(s) \_\_\_\_\_ Permissible velocity (V<sub>1</sub>) \_\_\_\_\_ ft/sec

Retardance   D   for velocity \_\_\_\_\_ Max. permissible velocity 1:33 (V<sub>1</sub>) \_\_\_\_\_ ft/sec

Retardance \_\_\_\_\_ for capacity \_\_\_\_\_ \*Optional – for use with NEH–5 computer program

Type of outlet (describe) \_\_\_\_\_

\_\_\_\_\_

Engineering survey notes attached? Yes [    ]

Notes

Layout by: \_\_\_\_\_ Date: \_\_\_\_\_

PERFORMANCE RECORD (As Builts)

Station	_____ to _____	_____ to _____	_____ to _____	_____ to _____	_____ to _____
Constructed length					
Constructed grade					
Minimum constructed top width					
Minimum constructed depth					
Constructed capacity (CFS)					
Constructed velocity					
* Normal depth (capacity)					
Rock design D <sub>50</sub>					

Sketch (if not on engineering notes)

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Check notes attached? Yes [    ]      Seeding established? Yes [    ]

Approx. Cu. Yd. stone installed: \_\_\_\_\_ Approx. Sq. Yd. geotextile installed: \_\_\_\_\_

Quantities checked by: \_\_\_\_\_ Date: \_\_\_\_\_

I hereby certify that this practice complies with the plans and specifications established for this job, with the following exceptions:


Performance checker: \_\_\_\_\_ Date: \_\_\_\_\_

Date	_____
Designed	_____
Drawn	_____
Checked	_____
Approved	_____
Title	_____

LINED WATERWAY OR OUTLET – 468  
ROCK LINED

